LINKSYS®

Instant EtherFast II™ 10/100 Switches

Advanced Switching Technology Arrives with Data Flow Control and Fiber Expandability

Data Flow Control & Fiber Expandability

Instant EtherFast II™ 10/100 16-Port Switch (EF2S16 v2)
Instant EtherFast II™ 10/100 24-Port Switch (EF2S24 v2)

Fiber Modules:
EtherFast II™ Switch 100BaseFX SC Module (EF2SSC)
EtherFast II™ Switch 100BaseFX ST Module (EF2SST)

With its advanced switching technology, the new Instant EtherFast II™ 10/100 Switches boost your network performance with much more than just full duplex data transfer and dedicated bandwidth. Its non-blocking, maximum wire speed ensures optimal internal processing, while data flow control filters out faulty packets and address learning and aging prevents data transfer errors. Plus your growing network can link to switches up to 2000 meters (6560 feet) away in full duplex mode, simply by plugging a fiber module into your Switch's expansion port!

No matter how intensive your network demands, the Instant EtherFast II™ Switches' advanced chipset supports your needs with an affordable and efficient networking solution you can count on. Rack mountable and equipped with an uplink button and fiber module port, the Instant EtherFast II™ Switches will enhance and expand your network productivity in countless ways.

Benefits

- 10/100 Autosensing Ports Run 10BaseT & 100BaseTX Hardware Together Seamlessly

- Run Blazing Speeds of 200Mbps in Full Duplex Mode

- Optional 100BaseFX Fiber Module Gives You Maximum Expandability

- Address Learning and Aging Prioritizes Packet Delivery

- Data Flow Control Filters Out Packet Errors

- Free Technical Support—24 Hours a Day, 7 Days a Week for North America Only

- 5-Year Limited Warranty

Features

- 16 and 24-Port 10/100 Full Duplex, Autosensing Ports
- Run Blazing Speeds of up to 200Mbps at Full Duplex
- Perfect for Running 10BaseT, 100BaseTX and 100BaseFX Hardware Together Seamlessly
- Optional 100BaseFX Fiber Optic Module Sends Data Up to 2000 Meters (6560 feet) Away in Full Duplex Mode
- Data Flow Control Filters Out Faulty Data Packets
- Address Learning and Aging Prioritizes Packet Delivery
- CAM-based MAC Table Support Prevents Data Transfer Errors
- Internal Bandwidth of 2.7Gbps
- Advanced Store-and-Forward Data Packet Switching
- Works with Virtually All Major Network Operating Systems
- Optional Rack Mounting for Convenient Storage
- VLSI Components Support Hardware Reliability
- Free Technical Support—24 Hours a Day, 7 Days a Week for North America Only
- 5-Year Limited Warranty

Specifications

Model Numbers	EF2S16 v2, EF2S24 v2
Standards	IEEE 802.3 and IEEE 802.3u
Protocol	CSMA/CD
Ports	16 or 24 10/100 RJ-45 Ports
Button	MDI/MDIX
Expansion Slot	One Expansion Slot for a 100BaseFX Fiber Module (Independent Port)
Speed Per Port (Mbps)	10 or 100 (Half Duplex) 20 or 200 (Full Duplex)
MAC Addresses	8k (EF2S16 v2), 4k (EF2S24 v2)
Max Frame Size	1522 Bytes
Buffer Memory	512kb (EF2S16 v2), 768kb (EF2S24 v2)
Cabling Type	UTP Category 5 or Better
LEDs	Power, FX, FDX/Col (per Port), Link/Act (per Port)

Environmental

Dimensions	17.3″ x 7.3″ x 1.7″
Unit Weight	4.6 lbs. (EF2S16) 4.8 lbs. (EF2S24)
Power Input	100-260V AC, 50-60Hz
Power Consumption	25 watts
Certifications	FCC Class A, CE Mark Commercial
Operating Temp.	0ºC to 40ºC (32ºF to 104ºF)
Storage Temp.	-20ºC to 70ºC (-4ºF to 158ºF)
Operating Humidity	10% to 85%, Non-Condensing
Storage Humidity	5% to 90%, Non-Condensing

Package Contents

Instant EtherFast II™ 10/100 Switches

- One 10/100 16 or 24-Port Switch
- Mounting Brackets & Bracket Screws
- One Power Cord
- User Guide and Registration Card

(Model No.: EF2S16 v2, EF2S24 v2)

Optional

- **EtherFast II™ Switch 100BaseFX SC Module (Model Number: EF2SSC)**

- **EtherFast II™ Switch 100BaseFX ST Module (Model Number: EF2SST)**

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